

# Engineering & Capital Projects



## Department Description

The Engineering and Capital Projects Department (E&CP) provides a full range of engineering services for the City's capital investment in its various types of infrastructure and provides traffic engineering services to the community. The Department is responsible for the planning, design, project management, and construction management of public improvement projects; quality control and inspection of private work permitted in the right-of-way; surveying and materials testing; and providing traffic operations and transportation engineering services. The Department's activities include work on various public infrastructure assets to rehabilitate, restore, improve, and add to the City of San Diego's capital facilities. The Capital Improvement Program (CIP) covers a wide range of projects including libraries; fire, lifeguard and police stations; parks and recreation centers; lighting and traffic signals, street improvements, bikeways and other transportation projects; drainage and flood control facilities; rebuilding and expanding water and sewer pipelines, treatment plants, and pump stations; and dry utilities under-grounding projects. Traffic engineering services include transportation system forecasting and program management, responding to traffic requests from the public, maintaining the City's traffic signal systems, and performing traffic safety analyses.

These functions are provided through five divisions within the Department.

### Architectural Engineering & Parks Division

This division manages the implementation of non-right-of-way and vertical capital improvement projects. This responsibility includes the design and project management of public buildings, parks, recreation facilities, airport-related projects, water and sewer treatment plants, reservoirs, and pump station projects.

### Field Engineering Division

This division manages construction contracts, materials testing, land surveying services, and geological assessment/support. This responsibility includes quality assurance/quality control inspection of CIP projects on City property or within the City's right of way, inspection of private land development of public infrastructure, land survey support for design mapping/construction staking, traffic engineering support during construction, and testing of construction materials in the field and at manufacturing facilities throughout the region.

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## Project Implementation and Technical Services Division

The Division provides centralized technical, operational, and project support services to the other divisions within the Department, as well as other departments in the City. These services include preliminary engineering and asset management, project controls, CIP fund management, Americans with Disabilities Act (ADA) compliance review for CIP projects, quality control and standards, environmental and permitting assistance, community outreach, and information technology.

## Right-of-Way Design Division

This division manages the implementation of right-of-way and related horizontal capital improvement projects. This responsibility includes the design and project management of water and sewer pipelines, transportation and street-related projects, bridges, flood plains and drainage infrastructure, signals, streetlights, and utilities under-grounding projects.

## Transportation System Engineering & Operations Division

This division manages and coordinates the planning, modeling, and efficient and safe operation of the City's transportation system. This responsibility includes program management and coordination with regional transportation agencies; traffic investigations and studies for signs, markings, traffic control devices, speeding concerns, and parking issues; accident data analyses; traffic signal systems management; traffic studies including traffic counts and radar speed surveys; and investigation and programming of street lights, pedestrian safety, and safe routes to school projects.

The Department's mission is:

*To provide exceptional engineering services including technical and operational support, design and construction for the Capital Improvement Program, oversight of development of public infrastructure and facilities, and transportation system management*

## Goals and Objectives

Goals and objectives have been reprinted here as they were adopted in the Fiscal Year 2010 budget. They will be revisited during Fiscal Year 2012.

***Goal 1: Provide courteous, accessible, seamless, and responsive services to foster partnerships and strengthen relationships with communities, industry, service providers, and customers***

With customers being the focal point of how E&CP delivers services, this goal is the starting point for achieving its objectives. The Department recognizes that its customers play a crucial role in how, when, and why it delivers a product. The Department will move toward accomplishing this goal by focusing on the following objectives.

- Communicate clearly and effectively and collaborate with internal and external customers
- Manage customer expectations to achieve customer satisfaction
- Deliver services seamlessly to customers

***Goal 2: Manage and utilize personnel and processes to effectively and efficiently deliver projects***

The Department must ensure the delivery of an efficient and effective product or service to its customer. The Department will move toward accomplishing this by focusing on the following objectives.

- Deliver capital projects on time and in a cost effective manner
- Deliver the overall capital program in accordance with the annual execution plans

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## ***Goal 3: Implement a uniform and objective ranking system to prioritize all CIP projects effectively and efficiently***

This goal is focused on making sure that the Department is targeting its CIP resources toward its greatest needs. The Department will move toward accomplishing this by focusing on the following objective.

- Institute and maintain a project prioritization system to include all asset classes and project types

## ***Goal 4: Manage resources to effectively respond to transportation operations requests***

This goal is focused on making sure that transportation operations requests are resolved in a timely manner. The Department will move toward accomplishing this by focusing on the following objective.

- Evaluate and respond to traffic requests in a high quality, professional, and timely manner

## Service Efforts and Accomplishments

During Fiscal Year 2010, the Engineering and Capital Projects Department delivered design services and managed construction exceeding \$776.0 million in capital improvement projects. A sampling of design and construction capital improvement projects undertaken during Fiscal Year 2010 is as follows:

- **Buildings and Other Facilities:** Construction completion of accessibility improvements to Swanson-Standley Pool, Kearny Mesa Pool, Memorial Pool, Encanto Teen Center, Tierra Santa Recreation Center and Euclid Community Resource Center, ADA improvements to four libraries: University Community, Skyline Branch, Clairemont Branch, and North Clairemont Branch, as well as Balboa Tennis Club, Northern Police Station, South Claremont Recreation Center, Balboa Sidewalks, Cesar Chavez Community Center, Euclid Community Center, and various sidewalks and curb ramps throughout the City. Completed expansion and remodel of the Rancho Bernardo Fire Station 33 and Fire Station 1 Downtown and construction of the new Logan Heights Branch Library. Completed construction documents and bidding process for the New Central Library.
- **Parks:** Completed General Development Plans and construction drawings for the West Lewis Mini Park, Wegforth Elementary and Angiers Elementary Joint Use Parks, the new comfort station at Mission Trails Regional Park Equestrian Area, and the Balboa Park Golf Course irrigation upgrades. Completed construction documents and awarded construction contracts for Birney Joint Use Field, Montclair Park and Martin Luther King Park Tot Lots, Montgomery Waller and Birdrock Elementary School Joint Use Park ADA upgrades, North Chollas Open Space Enhancement, and Picnic Shelters at North Crown Point Park. Completed construction on the Carson Elementary Joint Use Park and Taylor Street Slope Rehabilitation projects, the Ocean Air Community Park and Recreation Center and, NTC Park projects.
- **Water and Sewer Facilities:** Completed 60 miles of sewer main and trunk sewer replacements/rehabilitations, manholes, sewer laterals, and related appurtenances. Installed 20 miles of water main replacements, water services, valves, pressure reducing stations and related appurtenances. Design and/or construction of the following projects: Seismic retrofits to Large Diameter Water Mains, Otay Water Treatment Plant Phase I & II, South Mission Valley Trunk Sewer, La Jolla Reservoir Upgrade, Ozone Facility at Alvarado Water Treatment Plant, Ozone Facility at the Miramar Water Treatment Plant, Point Loma Waste Water Treatment Plant Grit Processing Facility, and 29 new or retrofitted sewer pump stations. Began construction of Sewer Pump Station 41.
- **Utilities Undergrounding:** This program implements removal of utilities and affiliated poles (electric, phone, cable) from overhead and replaces them underground. Approximately 55.5 miles will be in construction and of that, approximately 21.1 miles are targeted for completion. At Fiscal Year 2010 year end, an estimated 59.2 miles will be in a design phase that would go to construction in 2011 and 2012.
- **Transportation:** Design of the following projects: Shoal Creek Pedestrian Bridge, Skyline Drive Median and Parkway Improvements, San Diego River Multi-Use Path, various signal modifications, traffic calming measures, and new signals citywide. Construction of the following projects: Ocean Beach Bike Path, 43rd and Logan, Midway and Rosecrans Improvements, Normal Street Median, Otay Truck Route Widening Phase III, Potomac Street Improvements, Bayside Walk & Mission Bay Drive Traffic Signal,

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San Ysidro Streetscape Improvements, various sidewalks and curb ramps, traffic calming measures, signal modifications, and new streetlight and signal installations citywide.

- **Drainage:** Design of the following storm drain facilities and water quality improvement projects: 6th Avenue Storm Drain, Talbot Street Slope Repair, and Memorial Park Infiltration. Construction of the following storm drains: La Playa Storm Drain, Ransom and Darwin Storm Drains, Ingulf Storm Drain, Wenrich Storm Drain.

Engineering and Capital Projects also provided program management services for the transportation capital improvement projects; responded to requests for investigation of traffic, bicycle and pedestrian issues; evaluated requests for street lights, sidewalks, and routes to school; and managed the Red Light Photo Enforcement Program.

In the first half of Fiscal Year 2010, the Department identified and prioritized both unfunded and partially-funded transportation projects, and programmed available transportation funding per Council Policy 800-14. Prioritizing Transportation and Drainage CIP Projects. The Department supported efforts in securing and programming over \$40.0 million of Prop 1B, ARRA, CDBG-R funds, and transportation discretionary grants for multiple projects. In addition, the Department modified the Pedicab regulations to increase safety and ease of enforcement. The Department also has a tiered performance measure that requires turnaround times (30, 60, and 90-day standards depending on urgency and complexity) for traffic operations investigations including responses to constituent concerns with the goal of completing the requests within the standards 90 percent of the time.

Finally, in Fiscal Year 2010, the Department responded to emergencies and other unplanned work for the following storm drain repairs: 4020 Murphy Canyon, Florida Canyon, Pump Station D, Garnet Avenue, and College Avenue. The Department also completed the restoration of Florida Canyon Slope and drainage facility; continued their response to the Desert View Drive Alley of the Soledad Mountain Road Landslide and the Ruffin Road Storm Drain failure; completed the Ocean Beach Comfort Station demolition; and provided environmental permitting and surveying support for the Tijuana River Valley. E&CP staff continues to lead the efforts to stabilize the areas and provide long-term repairs for all of these emergency incidents.

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## Department Summary

	FY2010 Budget	FY2011 Adopted	FY2010–2011 Change
Positions	526.00	530.16	4.16
Personnel Expenses	\$ 52,985,244	\$ 57,987,246	\$ 5,002,002
Non-Personnel Expenses	11,532,218	85,791,208	74,258,990
<b>Total Department Expenses</b>	<b>\$ 64,517,462</b>	<b>\$ 143,778,454</b>	<b>\$ 79,260,992</b>
<b>Total Department Revenue</b>	<b>\$ 113,430,432</b>	<b>\$ 114,363,553</b>	<b>\$ 933,121</b>

## General Fund

### Department Expenditures

	FY2010 Budget	FY2011 Adopted	FY2010–2011 Change
Architectural Engineering	\$ 6,794,257	\$ 7,362,833	\$ 568,576
Business & Support Services	4,716,553	4,741,673	25,120
Field Engineering	18,077,596	18,958,739	881,143
Project Implementation & Tech. Services	12,493,700	12,983,217	489,517
Right-of-Way Design	13,580,742	14,895,918	1,315,176
Transportation Engineering Operations	7,681,219	7,581,805	(99,414)
<b>Total</b>	<b>\$ 63,344,067</b>	<b>\$ 66,524,185</b>	<b>\$ 3,180,118</b>

### Department Personnel

	FY2010 Budget	FY2011 Adopted	FY2010–2011 Change
Architectural Engineering	52.50	53.50	1.00
Business & Support Services	42.50	41.50	(1.00)
Field Engineering	144.00	145.00	1.00
Project Implementation & Tech. Services	107.00	108.00	1.00
Right-of-Way Design	120.50	121.66	1.16
Transportation Engineering Operations	53.00	54.00	1.00
<b>Total</b>	<b>519.50</b>	<b>523.66</b>	<b>4.16</b>

### Significant Budget Adjustments

	FTE	Expenditures	Revenue
<b>Adjustment to Contracts and Equipment Outlay</b> Funding allocated according to a zero-based annual review of contract and equipment outlay requirements.	0.00	\$ 1,877,724	\$ –
<b>Adjustment to Hourly Personnel Funding</b> Funding allocated according to a zero-based annual review of hourly funding requirements.	7.66	292,644	–
<b>Revenue from New/Revised User Fees</b> Adjustment to reflect an anticipated increase from the implementation of new and revised user fee charges.	0.00	–	55,860
<b>Total</b>	<b>7.66</b>	<b>\$ 2,170,368</b>	<b>\$ 55,860</b>

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## Expenditures by Category

		FY2010 Budget		FY2011 Adopted		FY2010–2011 Change
<b>PERSONNEL</b>						
Salaries and Wages	\$	35,457,071	\$	<b>35,342,027</b>	\$	(115,044)
Fringe Benefits		16,956,385		<b>21,965,007</b>		5,008,622
<b>PERSONNEL SUBTOTAL</b>	\$	<b>52,413,456</b>	\$	<b>57,307,034</b>	\$	<b>4,893,578</b>
<b>NON-PERSONNEL</b>						
Supplies	\$	1,394,242	\$	<b>1,130,241</b>	\$	(264,001)
Contracts		4,231,046		<b>3,504,677</b>		(726,369)
Information Technology		4,093,244		<b>3,614,604</b>		(478,640)
Energy and Utilities		181,654		<b>176,881</b>		(4,773)
Other		788,697		<b>691,020</b>		(97,677)
Capital Expenditures		241,255		<b>99,255</b>		(142,000)
Debt		473		<b>473</b>		–
<b>NON-PERSONNEL SUBTOTAL</b>	\$	<b>10,930,611</b>	\$	<b>9,217,151</b>	\$	<b>(1,713,460)</b>
<b>Total</b>	\$	<b>63,344,067</b>	\$	<b>66,524,185</b>	\$	<b>3,180,118</b>

## Revenues by Category

		FY2010 Budget		FY2011 Adopted		FY2010–2011 Change
Licenses and Permits	\$	84,500	\$	<b>101,960</b>	\$	17,460
Fines, Forfeitures, and Penalties		1,193,809		<b>1,193,809</b>		–
Revenue from Money and Property		57,283		<b>57,283</b>		–
Charges for Current Services		44,018,113		<b>44,056,513</b>		38,400
Other Revenue		6,000		<b>6,000</b>		–
Other Financial Sources (Uses)		18,040,295		<b>18,040,295</b>		–
<b>Total</b>	\$	<b>63,400,000</b>	\$	<b>63,455,860</b>	\$	<b>55,860</b>

## Personnel Expenses

Job Number	Job Class	Job Title / Wages	FY2010 Budget	FY2011 Adopted	Salary Range	Total
20000011	1104	Account Clerk	5.00	<b>5.00</b>	\$31,491 - \$37,918	\$ 109,772
20000012	1105	Administrative Aide 1	1.00	<b>1.00</b>	36,962 - 44,533	43,112
20000024	1107	Administrative Aide 2	4.00	<b>4.00</b>	42,578 - 51,334	196,183
20001140	2181	Assistant Department Director	1.00	<b>1.00</b>	31,741 - 173,971	129,054
20000070	1153	Assistant Engineer-Civil	135.00	<b>135.00</b>	57,866 - 69,722	8,393,687
90000070	1153	Assistant Engineer-Civil - Hourly	0.00	<b>0.30</b>	57,866 - 69,722	17,360
20000077	1157	Assistant Engineer-Electrical	5.00	<b>5.00</b>	57,866 - 69,722	337,803
20000116	1207	Assistant Engineer-Traffic	27.00	<b>27.00</b>	57,866 - 69,722	1,504,064
20000143	1221	Associate Engineer-Civil	85.00	<b>85.00</b>	66,622 - 80,454	6,376,121
20000150	1223	Associate Engineer-Electrical	2.00	<b>2.00</b>	66,622 - 80,454	156,886
20000154	1225	Associate Engineer-Mechanical	1.00	<b>1.00</b>	66,622 - 80,454	78,443
20000167	1233	Associate Engineer-Traffic	17.00	<b>17.00</b>	66,622 - 80,454	1,304,270
20000119	1218	Associate Management Analyst	14.00	<b>13.00</b>	54,059 - 65,333	791,580
20000137	1218R	Associate Management Analyst	0.00	<b>1.00</b>	54,059 - 65,333	58,758
20000162	1227	Associate Planner	6.00	<b>6.00</b>	56,722 - 68,536	396,905
20000539	1535	Clerical Assistant 2	9.00	<b>9.00</b>	29,931 - 36,067	277,221
20000545	1536	Contracts Processing Clerk	4.00	<b>4.00</b>	32,968 - 39,811	115,254
20001168	2214	Deputy Director	5.00	<b>5.00</b>	46,966 - 172,744	572,112

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## Personnel Expenses (Cont'd)

Job Number	Job Class	Job Title / Wages	FY2010 Budget	FY2011 Adopted	Salary Range	Total
20001114	2147	Engineering and Capital Projects Director	1.00	<b>1.00</b>	59,155 - 224,099	139,194
20000924	1876	Executive Secretary	0.50	<b>0.50</b>	43,555 - 52,666	25,669
20000290	1348	Information Systems Analyst 2	2.00	<b>2.00</b>	54,059 - 65,333	123,000
20000293	1349	Information Systems Analyst 3	1.00	<b>1.00</b>	59,363 - 71,760	71,760
20000998	1926	Information Systems Analyst 4	1.00	<b>1.00</b>	66,768 - 80,891	80,891
20000377	1401	Information Systems Technician	1.00	<b>1.00</b>	42,578 - 51,334	—
20000551	1546	Junior Engineer-Civil	1.50	<b>0.00</b>	50,003 - 60,549	—
20001018	1938	Land Surveying Assistant	13.00	<b>13.00</b>	57,866 - 69,722	866,432
20001019	1939	Land Surveying Associate	5.00	<b>5.00</b>	66,622 - 80,454	388,146
90001019	1939	Land Surveying Associate - Hourly	0.00	<b>0.50</b>	66,622 - 80,454	33,311
90001073	2103	Management Intern - Hourly	0.00	<b>5.00</b>	24,274 - 29,203	121,370
20000669	1638	Park Designer	4.00	<b>4.00</b>	66,664 - 80,496	235,452
20000680	1648	Payroll Specialist 2	3.50	<b>3.00</b>	34,611 - 41,787	99,975
20000740	1725	Principal Drafting Aide	1.00	<b>1.00</b>	50,003 - 60,549	53,742
20000743	1727	Principal Engineering Aide	51.00	<b>51.00</b>	50,003 - 60,549	2,499,783
20000518	1525	Principal Survey Aide	8.00	<b>8.00</b>	50,003 - 60,549	468,214
20000748	1730	Principal Traffic Engineering Aide	5.00	<b>5.00</b>	50,003 - 60,549	232,013
20000760	1750	Project Assistant	7.00	<b>7.00</b>	57,866 - 69,722	459,600
20000761	1751	Project Officer 1	6.00	<b>6.00</b>	66,622 - 80,454	463,473
20000763	1752	Project Officer 2	7.00	<b>7.00</b>	76,794 - 92,851	537,608
20000784	1777	Public Information Officer	1.00	<b>1.00</b>	43,514 - 52,707	44,110
20000869	1844	Senior Account Clerk	1.00	<b>1.00</b>	36,067 - 43,514	42,426
20000885	1855	Senior Civil Engineer	24.00	<b>24.00</b>	76,794 - 92,851	2,046,177
90000885	1855	Senior Civil Engineer - Hourly	0.00	<b>0.50</b>	76,794 - 92,851	38,397
20000927	1879	Senior Clerk/Typist	4.00	<b>4.00</b>	36,067 - 43,514	168,399
20000312	1365	Senior Department Human Resources Analyst	1.00	<b>0.00</b>	59,363 - 71,760	—
90000400	1423	Senior Drafting Aide - Hourly	0.00	<b>0.36</b>	44,429 - 53,706	15,994
20000900	1861	Senior Engineering Aide	2.00	<b>2.00</b>	44,429 - 53,706	104,726
20000830	1806	Senior Engineering Geologist	1.00	<b>1.00</b>	76,794 - 92,851	—
20001014	1935	Senior Land Surveyor	2.00	<b>2.00</b>	76,794 - 92,851	181,060
20000015	1106	Senior Management Analyst	9.00	<b>9.00</b>	59,363 - 71,760	629,694
90000856	1830	Senior Mechanical Engineer - Hourly	0.00	<b>0.50</b>	76,794 - 92,851	38,397
20000918	1872	Senior Planner	4.00	<b>4.00</b>	65,354 - 79,019	308,172
20000916	1871	Senior Public Information Officer	2.00	<b>2.00</b>	54,059 - 65,333	120,302
20000929	1881	Senior Survey Aide	4.00	<b>4.00</b>	44,429 - 53,706	209,452
20000926	1878	Senior Traffic Engineer	10.00	<b>10.00</b>	76,794 - 92,851	808,290
20000964	1910	Student Engineer	5.00	<b>4.50</b>	26,707 - 32,011	66,766
90001146	2188	Student Intern - Hourly	0.00	<b>0.50</b>	18,616 - 22,318	9,308
20000970	1917	Supervising Management Analyst	3.00	<b>3.00</b>	66,768 - 80,891	235,392
20000756	1746	Word Processing Operator Bilingual - Regular	7.00	<b>7.00</b>	31,491 - 37,918	256,514 8,736



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## Personnel Expenses (Cont'd)

Job Number	Job Class	Job Title / Wages	FY2010 Budget	FY2011 Adopted	Salary Range	Total
		Exceptional Performance Pay-Classified				13,715
		Landscape Architect Lic				12,074
		Overtime Budgeted				404,050
		Reg Pay For Engineers				1,743,890
		Termination Pay Annual Leave				77,768
<b>Salaries and Wages Subtotal</b>			<b>519.50</b>	<b>523.66</b>		<b>\$ 35,342,027</b>
		Employee Offset Savings				\$ 366,221
		Flexible Benefits				2,975,856
		Long-Term Disability				306,823
		Medicare				454,757
		Other Post-Employment Benefits				3,041,535
		Retiree Medical Trust				1,098
		Retirement 401 Plan				4,395
		Retirement ARC				11,553,395
		Retirement DROP				79,717
		Retirement Offset Contribution				1,108,853
		Risk Management Administration				470,890
		Supplemental Pension Savings Plan				1,206,059
		Unemployment Insurance				71,406
		Unused Sick Leave				27,025
		Workers' Compensation				296,977
<b>Fringe Benefits Subtotal</b>						<b>\$ 21,965,007</b>
<b>Total Personnel Expenses</b>						<b>\$ 57,307,034</b>

## Budget by Program

	FY2011 Positions	FY2011 Expenditures	FY2011 Revenue
Bicycle Programs	1.00	\$ 113,252	\$ -
Bridges, Transportation, and Streets	33.50	3,833,742	4,708,391
Business Support	38.50	4,046,389	-
Construction Management & Inspections	95.50	11,829,444	15,091,508
Department Management	4.00	1,607,289	2,926,380
Drainage	12.00	1,404,810	708,617
Engineering Modeling Services	0.00	9,691	6,000
General Administration/Management	24.00	2,895,932	1,092,063
General Requirements Contracts and A/E Consultant Services	8.50	964,752	350,088
IT Non-Discretionary	0.00	3,614,604	-
Infrastructure Assets	5.00	437,801	-
Liaison	1.00	164,745	-
Materials Test Lab	23.00	2,242,409	2,272,151
Modeling	3.00	357,846	-
Operations Support	13.50	1,373,649	2,991,494
Pedicab	1.00	128,242	61,960
Preliminary Engineering	3.00	349,184	-
Private Agency/Public Building/Project Management	27.00	3,384,568	2,474,418



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## Budget by Program (Cont'd)

	FY2011 Positions	FY2011 Expenditures	FY2011 Revenue
Project Management	76.50	8,793,117	5,387,059
Red Light Photo Enforcement Program	1.00	1,145,436	1,193,809
Street Lights	1.00	112,921	—
Surveys	30.50	3,680,879	1,754,018
Traffic Signal	9.00	983,866	2,752,735
Traffic Systems Safety	10.50	1,085,498	362,659
Transportation Alternative Program	1.00	69,003	—
Transportation Systems & Programming	2.00	301,633	—
Water & Sewer Treatment Facilities	24.50	3,124,755	3,821,762
Water & Wastewater Pipelines	74.16	8,468,728	15,500,748
<b>Total</b>	<b>523.66</b>	<b>\$ 66,524,185</b>	<b>\$ 63,455,860</b>

## Underground Surcharge Fund

### Department Expenditures

	FY2010 Budget	FY2011 Adopted	FY2010–2011 Change
Right-of-Way Design	\$ 1,173,395	\$ 77,254,269	\$ 76,080,874
<b>Total</b>	<b>\$ 1,173,395</b>	<b>\$ 77,254,269</b>	<b>\$ 76,080,874</b>

### Department Personnel

	FY2010 Budget	FY2011 Adopted	FY2010–2011 Change
Right-of-Way Design	6.50	6.50	0.00
<b>Total</b>	<b>6.50</b>	<b>6.50</b>	<b>0.00</b>

### Significant Budget Adjustments

	FTE	Expenditures	Revenue
<b>Revised Expenditure Adjustment</b>	0.00	\$ 75,988,842	\$ —
Reimbursement of San Diego Gas and Electric undergrounding expenditures which were previously budgeted under the City's Capital Improvement Program.			
<b>Revised Revenue</b>	0.00	—	877,261
Adjustment to reflect Fiscal Year 2011 revenue projections.			
<b>Total</b>	<b>0.00</b>	<b>\$ 75,988,842</b>	<b>\$ 877,261</b>

### Expenditures by Category

	FY2010 Budget	FY2011 Adopted	FY2010–2011 Change
<b>PERSONNEL</b>			
Salaries and Wages	\$ 378,021	\$ 387,529	\$ 9,508
Fringe Benefits	193,767	292,683	98,916
<b>PERSONNEL SUBTOTAL</b>	<b>\$ 571,788</b>	<b>\$ 680,212</b>	<b>\$ 108,424</b>
<b>NON-PERSONNEL</b>			
Supplies	\$ 25,456	\$ 25,456	\$ —
Contracts	412,402	76,401,428	75,989,026
Information Technology	116,362	96,565	(19,797)

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## Expenditures by Category (Cont'd)

	FY2010 Budget	FY2011 Adopted	FY2010-2011 Change
Energy and Utilities	3,019	3,914	895
Other	10,176	12,502	2,326
Capital Expenditures	34,192	34,192	—
<b>NON-PERSONNEL SUBTOTAL</b>	<b>\$ 601,607</b>	<b>\$ 76,574,057</b>	<b>\$ 75,972,450</b>
<b>Total</b>	<b>\$ 1,173,395</b>	<b>\$ 77,254,269</b>	<b>\$ 76,080,874</b>

## Revenues by Category

	FY2010 Budget	FY2011 Adopted	FY2010-2011 Change
Other Local Taxes	\$ 49,481,890	\$ 50,358,037	\$ 876,147
Revenue from Money and Property	450,282	549,656	99,374
Charges for Current Services	98,260	—	(98,260)
<b>Total</b>	<b>\$ 50,030,432</b>	<b>\$ 50,907,693</b>	<b>\$ 877,261</b>

## Personnel Expenses

Job Number	Job Class	Job Title / Wages	FY2010 Budget	FY2011 Adopted	Salary Range	Total
20000070	1153	Assistant Engineer-Civil	2.00	2.00	\$57,866 - \$69,722	\$ 132,255
20000143	1221	Associate Engineer-Civil	1.00	1.00	66,622 - 80,454	78,443
20000556	1555	Junior Engineering Aide	1.00	1.00	38,688 - 46,571	45,407
20000743	1727	Principal Engineering Aide	1.00	1.00	50,003 - 60,549	59,035
20000748	1730	Principal Traffic Engineering Aide	1.00	1.00	50,003 - 60,549	59,035
20000964	1910	Student Engineer	0.50	0.50	26,707 - 32,011	13,354
<b>Salaries and Wages Subtotal</b>			<b>6.50</b>	<b>6.50</b>		<b>\$ 387,529</b>

Employee Offset Savings	\$ 3,971
Flexible Benefits	42,525
Long-Term Disability	3,573
Medicare	5,759
Other Post-Employment Benefits	44,310
Retirement ARC	139,073
Retirement Offset Contribution	13,502
Risk Management Administration	6,860
Supplemental Pension Savings Plan	12,113
Unemployment Insurance	833
Unused Sick Leave	317
Workers' Compensation	19,847

**Fringe Benefits Subtotal** \$ **292,683**

**Total Personnel Expenses** \$ **680,212**

## Budget by Program

	FY2011 Positions	FY2011 Expenditures	FY2011 Revenue
General Administration/Management	0.00	\$ 6,722	\$ —
IT Non-Discretionary	0.00	96,565	—
Utilities Undergrounding	6.50	77,150,982	50,907,693
<b>Total</b>	<b>6.50</b>	<b>\$ 77,254,269</b>	<b>\$ 50,907,693</b>

# Engineering & Capital Projects

## Revenue and Expense Statement (Non-General Fund)

Underground Surcharge Fund	FY2010 Budget*		FY2011 Adopted	
BEGINNING BALANCE AND RESERVES				
Balance from Prior Year	\$	—	\$	34,100,889
Prior Year Continuing Appropriations		27,630,513		—
TOTAL BALANCE AND RESERVES	\$	27,630,513	\$	34,100,889
REVENUE				
Electric Surcharge	\$	49,481,890	\$	50,358,037
Interest Earnings		450,282		549,656
Services to Other Funds		98,260		—
TOTAL REVENUE	\$	50,030,432	\$	50,907,693
TOTAL BALANCE, RESERVES, AND REVENUE	\$	77,660,945	\$	85,008,582
CAPITAL IMPROVEMENT PROGRAM (CIP)				
CIP Expenditures	\$	48,857,037	\$	7,500,000
TOTAL CIP EXPENSE	\$	48,857,037	\$	7,500,000
OPERATING EXPENSE				
Personnel Expense	\$	1,173,395	\$	680,212
Non-Personnel Expense		—		76,574,057
TOTAL OPERATING EXPENSE	\$	1,173,395	\$	77,254,269
EXPENDITURE OF PRIOR YEAR FUNDS				
Expenditure of Prior Year Funds	\$	27,630,513	\$	—
TOTAL EXPENDITURE OF PRIOR YEAR FUNDS	\$	27,630,513	\$	—
TOTAL EXPENSE	\$	77,660,945	\$	84,754,269
BALANCE	\$	—	\$	254,313
TOTAL EXPENSE, RESERVES, AND BALANCE	\$	77,660,945	\$	85,008,582

\* At the time of publication, audited financial statements for Fiscal Year 2010 were not available. Therefore, the Fiscal Year 2010 column reflects final budget amounts from the Fiscal Year 2010 Adopted Budget. As such, current fiscal year balances and reserves are estimates of carryover from the previous fiscal year.